YATSIMIRSKIY, K.B.; KALININA, V.Ye.

Study of equilibria in solutions of vanadates by the kinetic method. Zhur. neorg. khim. 9 no.5:1117-1122 My '64. (MIRA 17:9)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

MAL'KOVA, T.V.; SHUTOVA, G.A.; YATSIMIRSKIY, K.B.

Chloride complexes of neodymium. Zhur. neorg. khim. 9 no.8: 1833-1837 Ag '64. (MIRA 17:11)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

YATSIMIRSKIY, K.B.; BUDARIN, L.I.; BLAGOVESHCHENSKAYA, N.A.;
SMIRNOVA, N.V.; FEDOROVA, A.P.; YATSIMIRSKIY, V.K.

Determination of microquantities of iodide by its catalytic action on thiocyanate oxidation reactions. Zhur. anal. khim. 18 no.1:103-108 Ja '63. (MIRA 16:4)

1. Ivanovo Chemico-Technological Institute.
(Iodides) (Thiocyanates) (Oxidation)

YATSIMIRSKIY, K.B.; PARKHOMENKO, N.V.

Kinetic method for the determination on microamounts of osmium in solution. Zhur. anal. khim. 18 no.2:229-236 F '63.

(MIRA 17:10)

1. Chemico-Technological Institute, Ivanovo.

L 13803-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD/JG

ACCESSION NR: AP3003758 S/0075/63/018/007/0829/0834

56
55

AUTHOR: Yatsimirskiy, K. B.; Rayzman, L. P.

TITLE: Determination of zirconium and hafnium occurring together, on the basis of their catalytic effect

SOURCE: Zhurnal analiticheskoy khimii, v. 18, no. 7, 1963, 829-834

TOPIC TAGS: zirconium, hafnium, iodide oxidation, hydrogen peroxide, iodine, optical density, catalytic effect, analytical determination, zirconium-hafnium salt mixture, simultaneous determination, standard solution, calibration curve

ABSTRACT: Oxidation of an iodide ion by hydrogen peroxide in the presence of zirconium and hafnium salt catalysts in an acid medium has been studied 1) to establish the effect of pH on the oxidation rate, 2) to study the joint effect of both catalysts on this rate, and 3) to develop an analytical method for the determination of both elements simultaneously present in solution. The experiment was conducted either with pure HCl-acidified solutions of zirconium or hafnium salts, or with mixtures of the salts added to a mixture of potassium iodide and hydrogen peroxide solutions. The optical density of the iodine gradually evolving (in the presence of starch) indicated the reaction rate at any given time. The results were

Card 1/3

recorded automatically. The concentrations of the reactants were KI, 6×10^{-4} M; H_2O_2, 6×10^{-4} M; starch, 0.004%; Zr, 0.1×10^{-5}—1.0×10^{-6} M; and Hf, 0.1×10^{-6}—1.0×10^{-5} M. The pH was 0.4—2.8. All experiments were conducted at 25.0 ±0.1C. The results were obtained as straight-line plots of time versus optical density; plots of the slopes ($\tan \alpha$) (i.e., reaction rate) versus pH revealed maxima at pH 1—1.1 for zirconium salt solutions, and pH 2.1—2.2 for hafnium. Further analysis of the data, which took into account the concentrations of all possible particles, i.e., ions of partially or totally hydrolyzed zirconium or hafnium salt, hydroxyl complex ions such as $Zr(OH)^{3+}$, etc., indicated that the $Zr(OH)_3^+$ and presumably $Hf(OH)_3^+$ ions seem to be the catalytically active particles and that their maximum concentrations are at pH 1.1 and 2.1—2.2, respectively. The additive effect of the catalysts when present together was established by determining the linear analytical function proportional to their total concentrations, C_{Zr} or C_{Hf}:

$$k_2' \tan \alpha - k_2 \tan' \alpha = (k_2 k_1' - k_1 k_2') C_{Zr}$$

$$k_1 \tan' \alpha - k_1' \tan \alpha = (k_2' k_1 - k_1' k_2) C_{Hf}.$$

Mathematical analysis of the reaction kinetics established four constants for Zr and Hf at pH 1.1 and 2.2, respectively: k_1, $0.913 \pm 0.066 \times 10^5$; k_1', $0.106 \pm 0.007 \times 10^5$; k_2, $0.943 \pm 0.43 \times 10^5$; k_2', $2.16 \pm 0.13 \times 10^5$. Fluctuations in the values

L 13803-63

ACCESSION NR: AP3003758

are caused by possible differences in solution concentrations and reaction conditions. The difference in catalytic effect was used in an analytical method for approximate determination of small concentrations of Zr and Hf simultaneously present in solution. The four constants are determined in each case, after which calibration curves of the analytical function depending on tan α at both pH values and including all four constants are plotted separately for several standard concentrations of Zr and Hf (see Figs. 1 and 2 of the Enclosure). After determining tan α at pH 1.1 and 2.2 for the unknown mixture, the sought concentrations are determined graphically. The mean error of the method is ±15%. The absence of systematic error confirms the additive nature of the catalytic effect. Orig. art. has: 4 figures, 2 tables, and 12 formulas.

ASSOCIATION: Ivanovskiy khimiko-tekhnologicheskiy institut (Ivanovo Institute of Chemical Technology)

SUBMITTED: 21Sep62 DATE ACQ: 08Aug63 ENCL: 02

SUB CODE: CH NO REF SOV: 004 OTHER: 000

Card 3/5 3

YATSIMIRSKIY, K.B.; FEDOROVA, T.I.

"Catalymetric" titration. Zhur. anal. khim. 18 no.11: 1300-1305 N '63. (MIRA 17:1)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

YATSIMIRSKIY, K.B.

Main problems of the chemistry of complex compounds. Ukr. khim.zhur. 29 no.9:889-896 '63. (MIRA 17:4)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

YATSIMIRSKIY, Konstantin Borisovich

"The catalytic activity of coordination compounds containing hydroxy groups."

report submitted for Symp on Coordination Chemistry, Tihany, Hungary, 14-17 Sep 64.

ABRAMOVA, N.A., nauchn. sotr.; BEL'CHENKO, G.V., kand. tekhn. nauk; BERENBLIT, V.V., nauchn.sotr.; VASIL'YEV, V.P., kand.khim. nauk; DOBYCHIN, D.P., doktor khim. nauk; IOFFE, B.V., dokt. khim.nauk; KAMINSKIY, Yu.L., nauchn.sotr.; KARPOVA, I.F., kand. khim. nauk; KOPYLEV, B.A., doktor khim. nauk; LUTUGINA, N.V., kand. khim. nauk; MATEROVA, Ye.A., kand. khim. nauk; MORACHEVSKIY, Al.G., kand. khim. nauk; MORACHEVSKIY, An.G., kand. khim. nauk; NIKEROV, A.E., kand. khim. nauk; PAL'M, V.A., kand. khim. nauk; RABINOVICH, V.A., kand. khim. nauk; SOKOLOV, P.N., kand. khim. nauk; FRIDRIKHSBERG, D.A., kand. khim. nauk; TSYGIR, Ye.N., nauchn. sotr.; SHAGITSULTANOVA, G.A., kand. khim. nauk; SHKODIN, A.M., doktor khim. nauk; YATSIMIRSKIY, K.B.; GRIGOROV, O.N., doktor khim. nauk, red.; ZASLAVSKIY, A.I., kand. khim. nauk, red.; MORACHEVSKIY, Yu.V., prof., red.; RACHINSKIY, F.Yu., kand. khim. nauk, red.; POZIN, M.Ye., doktor tekhn. nauk, red.; PORAY-KOSHITS, B.A., doktor khim. nauk, red.; PROTASOV, A.M., kand. fiz.-mat. nauk, red.; ROMANKOV, P.G., red.

[Handbook for the chemist] Spravochnik khimika. 2. izd., perer. i dop. Moskva, Khimiia. Vol.3. 1964. 1004 p. (MIRA 18:1)

1. Chlen-korrespondent AN SSSR (for Romankov). 2. Deystvitel'nyy chlen AN Ukr.SSR (for Yatsimirskiy).

YATSIMIRSKIY, K.B.; KORABLEVA, V.D.

Acetonitrile complexes of silver. Zhur. neorg. khim. 9 no.2:
357-361 F'64. (MIRA 17:2)

YATSIMIRSKIY, K. B.; DAVIDENKO, N. K.; KOSTROMINA, N. A.; TERNOVAYA, T. V.

"Chemical structure determination of lantanides' coordination compounds on the basis of their absorption spectra."

report presented at the 8th Intl Conf on Coordination Chemistry, Vienna, 7-11 Sep 64.

YATSIMIRSKIY, K. B.

"Chemical structure determination of lantanides coordination compounds on the basis of their absorption spectra."

report presented at the 8th Intl Conf on Coordination Chemistry, Vienna, 7-11 Sept 64.

Inst of General & Inorganic Chemistry, AS UkSSR, Kievv

YATSIMIRSKIY, K.B.; ALEKSEYEVA, I.I.

Absorption spectra of isopolymolybdenic acids in solution.
Zhur. neorg. khim. 8 no.11:2513-2517 N '63. (MIRA 17:1)

ACCESSION NR: AP4040669 S/0075/64/019/006/0705/0708

AUTHOR: Yatsimirskiy, K. B.; Morozova, R. P.; Voronova, T. A.; Gershkovich, R. M.

TITLE: Quantitative determination of tantalum by its catalytic action on the oxidation of thiosulfate by hydrogen peroxide.

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 6, 1964, 705-708

TOPIC TAGS: tantalum, quantitative determination, thiosulfate oxidation, catalysed thiosulfate oxidation, kinetic analysis, phototurbidimetric determination, catalysed oxidation

ABSTRACT: A new kinetic method is suggested for the quantitative determination of Ta (V), based on the catalysis of the reaction between thiosulfate and hydrogen peroxide:

$$4H_2O_2 + S_2O_3^{2-} \rightarrow 2SO_4^{2-} + 2H^+ + 3H_2O. \quad (1)$$

Since the rate of sulfate formation is proportional to the catalyst concentration, and since the optical density of $BaSO_4$ is directly proportional to the sulfate ion

ACCESSION NR: AP4040669

concentration, phototurbidimetric determination in the changes of the optical density of $BaSO_4$ will indicate the rate of the indicated reaction. A linear relationship was found between catalyst concentration (i.e., sulfate formation) and length of the induction period (time from mixing of the reagents to moment optical density = 0.05). The relationships between induction period and peroxide and thiosulfate concentrations were also established (figs. 1, 2). It is suggested that concentrations of these corresponding to the middle portions of these curves be used. W, Ti, V and Th ions, which themselves catalyse the above reaction, and fluoride ions which form strong complexes with the catalyst affect the determination. Orig. art. has: 2 tables, 3 figures and 2 equations.

ASSOCIATION: Ivanovskiy khimico-tekhnologicheskiy institut (Ivanov Chemical Technological Institute)

SUBMITTED: 08Jul63 ENCL: 01

SUB CODE: IC NO REF SOV: 005 OTHER: 000

Card 2/3

YATSIMIRSKIY, K.B.; KALININA, V. Ye.

Effect of oxalic acid on the catalytic properties of vanadium (V) compounds in some redox reactions. Zhur. neorg. khim. 9 no.6:1328-1332 Je '63 (MIRA 17:8)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

ALESKOVSKIY, V.B., prof.; BARDIN, V.V.; BOYCHINOVA, Ye.S.; BULATOV, M.I.; VASIL'YEV, V.P.; DOBYCHIN, S.L.; DUSHINA, A.P.; KALINKIN, I.P.; KEDRINSKIY, I.A.; LIBINA, R.I.; PRIK, K.Ye.; SETKINA, O.N.; KHEYFETS, Z.I.; YATSIMIRSKIY K.B., prof.; VASKEVICH, D.N., red.

[Physicochemical methods of analysis ; a laboratory manual] Fiziko-khimicheskie metody analiza; prakticheskoe rukovodstvo. Moskva, Khimiia, 1964. 451 p. (MIRA 17:12)

YATSIMIRSKIY, K.B.; ROMANOV, V.F.

Investigating the state of tungstates in solution by the kinetic method. Zhur. neorg. khim. 9 no.7:1578-1783 Jl '64.
(MIRA 17:9)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

[illegible] The [illegible] rare earth [illegible]

[illegible] spectrum splitting [illegible] cubic symmetry [illegible] spectra of the [illegible]

L 15797-65

ACCESSION NR: AP[illegible]

for octahedral complexes, from the formula

[illegible] (?)

where n, m, n, represent the number of electrons in the [illegible] respectively, [illegible] in the ligand field [illegible] for tetrahedral and cubic complexes:

[illegible]

[illegible] differs [illegible] in parentheses by P, then [illegible]

[illegible]

[illegible] the electronic configuration of the [illegible]

[illegible] also be represented by

$$\Delta E' = 2.3RT\,(\lg K_{\text{уст}} - \lg K'_{\text{уст}}) \qquad (10)$$

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ACCESSION NR: AP[illegible]

[illegible] experimentally determined equilibrium constant
[illegible] interpolation [illegible]

[illegible]
can be calculated [illegible]

$$\Delta E' = \rho 14 \Delta Dq$$

[illegible] change. Values obtained for Δ Dq (energy changes)
[illegible] for the cerium group. A series [illegible]

[illegible]
the cerium group. [illegible]
table.

ASSOCIATION: None ENCL: 00

SUBMITTED: 30Jan65 OTHER: 004

NO REF SOV: 031

SUB CODE: IC, [illegible]

Card 3/3

YATSIMIRSKIY, K.B.; PRIK, K.Ye.

Kinetics of the catalytic oxidation of iodide ion by hydrogen peroxide in the presence of tungsten (VI). Zhur. neorg. khim. 9 no.8:1838-1843 Ag '64. (MIRA 17:11)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

YATSIMIRSKIY, K.B.; FILIPPOV, A.P.

Kinetics of the catalytic oxidation of 1-amino-2-naphthol-4-sulfonic acid by a bromate. Zhur. neorg. khim. 9 no.9:2096-2102 S '64. (MIRA 17:11)

MAL'KOVA, T.V.; MEDVEDEVA, N.D.; YATSIMIRSKIY, K.B.

Complex compounds of aluminum with methylthymol blue. Zhur. neorg. khim. 9 no.10:2347-2353 O '64. (MIRA 17:12)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

YATSIMIRSKIY, K. B. Kiev

"Gegenwartiger Stand und Perspektiven der kinetischen Analysenmethoden."

report submitted for 2nd Intl Symp on Hyperpure Materials in Science and Technology, Dresden, GDR, 28 Sep-2 Oct 65.

Institut obshchey i neorganicheskoy khimii Akademii nauk UkrSSR, Kiev.

YATSIMIRSKIY, K.B.

Orbital electronegativity and mutual influence of atoms in chemical compounds. Teoret. i eksper. khim. 1 no.1:41-46 Ja-F '65. (MIRA 18:7)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Kiyev.

YATSIMIRSKIY, K.B.; DAVIDENKO, N.K.; KOSTROMINA, N.A.; TERNOVAYA, T.V.

Determination of the chemical structure of lanthanide coordination compounds based on their absorption spectra. Teoret. i eksper. khim. 1 no.1:100-105 Ja-F '65. (MIRA 18:7)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Kiyev.

BONCHEV, P.R.; YATSIMIRSKIY, K.B.

Activation in homogeneous catalysis. Teoret. i eksper. khim. 1 no.2: 179-189 Mr-Ap '65. (MIRA 18:7)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Kiyev.

YATSIMIRSKIY, K.B.

Complexes with charge transfer in a homogeneous catalyst.
Teoret. i eksper. khim. 1 no.3:343-346 My-Je '65.
(MIRA 18:9)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Kiyev.

bromate, catalyzed by molybdenum (VI)

SOURCE: Kinetika i kataliz, v. 6, no. 4, 1965, 674-681

[illegible]

ABSTRACT: [illegible]

L 6429[illegible]-65

ACCESSION NR: AP5020984

YATSIMIRSKIY, K.B.

Possible mechanisms of certain homogeneous-catalytic oxidation-reduction reactions. Kin.i kat. 6 no.5:931-933 S-O '65. (MIRA 18:11)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

STAROSTINA, V.D.; YATSIMIRSKIY, K.B.

Spectrophotometric analysis of the interaction of acid chrome blue K with copper, zinc and cadmium ions in solutions. Izv.vys.ucheb. zav.; khim. i khim.tekh. 8 no.2:343-345 '65. (MIRA 18:8)

1. Ivanovskiy khimiko-tekhnologicheskiy institut, kafedra neorganicheskoy khimii i kafedra analitichskoy khimii.

YATSIMIRSKIY, K.B.; KALININA, W.Ye.

Mechanism of the catalysis by vanadium compounds of the oxidation reaction of iodide by bromate. Izv. vys. ucheb. zav.; khim. i khim. tekh. 8 no.3:378-384 '65. (MIRA 18:10)

1. Ivanovskiy khimiko-tekhnologicheskiy institut kafedra analiticheskoy khimii.

YATSIMIRSKIY, K.B.; KALININA, V.Ye.

Catalytic activity and stability of vanadium (V) complex compounds with organic acids. Izv. vys. ucheb. zav.; khim. i khim. tekh. 8 no.3:385-391 '65. (MIRA 18:10)

1. Ivanovskiy khimiko-tekhnologicheskiy institut, kafedra analiticheskoy khimii.

ACCESSION NR: AP5012987 UR/0078/65/010/[illegible]

AUTHOR: Pavlova, V. V.; Yatsimirskiy, K. B.

TITLE: [illegible] oxidation [illegible] potassium [illegible]

SOURCE: Zhurnal neorganicheskoy khimii [illegible]

TOPIC TAGS: rhenium oxidation catalyst, chlorate ion, iodide ion, catalytic oxidation

ABSTRACT: The kinetics and mechanism of the oxidation of the iodide ion by the [illegible]

[illegible] components, and was found to be different in the two solutions studied, 0.16 N HCl [illegible]

[illegible] plexes of Re(III) are formed, as in the HCl medium, because the fraction of the cata[illegible]

L 57051-65

ACCESSION NR: AP5012967

lytically active equilibrium concentration of Re(II) is thus decreased. The lack [illegible] the [illegible] rate and the Re(II) concentration may

$I^- + Re^{2+} + ClO_3^-$ [illegible] $[ClO_3ReI]$ [illegible] $I_2 + Re$ [illegible]

the reaction rate is given by the equation $d[I_2]/dt = K_2[ClO_3ReI] = K_2[M]$, where K_2 [illegible] the [illegible] of the intermediate [illegible]

ASSOCIATION: none

NO REF SOV: 002 OTHER: 004

Card [illegible]

YATSIMIRSKIY, K.B.; RAMANOV, V.F.

Kinetics and mechanism of p-phenylenediamine oxidation by potassium iodate in the presence of tungsten (VI) compounds. Zhur. neorg. khim. 10 no.7:1607-1612 Jl '65.

Complex formation between tungstate and molybdate. Ibid.:1613-1617 (MIRA 18:8)

YATSIMIRSKIY, K.B.; ZAKHAROVA, L.A.

Spectrophotometric study of vanadium thio salts in solution. Zhur. neorg. khim. 10 no.9:2065-2069 S '65. (MIRA 18:10)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

YATSIMIRSKIY, K.B.; TIKHONOVA, L.P.

Cadmium ion catalysis of the alkaline hydrolysis of cysteine ethyl ester. Zhur. neorg. khim. 10 no.9:2070-2074 S '65. (MIRA 18:10)

KRISS, Ye.Ye.; YATSIMIRSKIY, K.B.

Kinetic method of studying reactions between iron (III) and deoxyribonucleic acid. Zhur.neorg.khim. 10 no.11:2436-2440 N '65. (MIRA 18:12)

1. Submitted April 11, 1964.

YATSIMIRSKIY, K.B.; MOROZOVA, R.P.; VORONOVA, T.A.; GERSHKOVICH, K.M.

Quantitative determination of tantalum based on its catalytic effect on the reaction of oxidation of thiosulfate by hydrogen peroxide. Zhur. anal. khim. 19 no.6:705-708 '64. (MIRA 18:3)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

L 00040-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5023712 UR/0075/65/020/008/0815/0819

4/B

AUTHOR: Yatsimirskiy, K. B.; Filippov, A. P.
44,55 44,55

TITLE: Kinetic method for determining microquantities of molybdenum 27,55,44
27

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 8, 1965, 815-819

TOPIC TAGS: molybdenum, trace analysis, oxidation kinetics

ABSTRACT: A new kinetic method for determining trace amounts of molybdenum based on a catalytic acceleration of the oxidation of 1-naphthylamine by bromate has been developed. Vanadium, which catalyzes this reaction at concentrations of the order of 10^{-8} mol/l, interfers with the determination. Bromide, which accelerates the reaction, interferes at concentrations exceeding 10^{-5} mol/l. Tungsten, iron, and copper do not interfere even when present in amounts ten times that of molybdenum. Other oxidants interfere at concentrations greater than 10^{-5} mol/l. The sensitivity of the method is 0.005 μg of molybdenum in 25 ml of solution. Orig. art. has: 3 figures, 2 tables, 6 formulas.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii, AN UkrSSR (Institute of General and Inorganic Chemistry, AN UkrSSR)

SUBMITTED: 03Aug64 ENCL: 00 44,55 SUB CODE: IC, GC

NO REF SOV: 005 OTHER: 002

Card 1/1

YATSIMIRSKIY, K.B., akademik

Fundamental problems of the chemistry of coordination complexes; international conference in Vienna. Vest. AN SSSR 35 no.2:80-82 F '65. (MIRA 18:3)

1. AN SSSR.

YATSIMIRSKIY, K.B., akademik; PAVLOVA, V.K.

Chemical fixation of molecular nitrogen by aqueous solutions of transition metal compounds. Dokl. AN SSSR 165 no.1:130-132 N '65. (MIRA 18:10)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR. 2. AN UkrSSR (for Yatsimirskiy).

L 14684-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG
ACC NR: AP6005883 SOURCE CODE: UR/0075/65/020/010/1106/1111

AUTHOR: Pavlova, V. K.; Yatsimirskiy, K. B.

42
B

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR, Kiev (Institut obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: Kinetic method of determining microquantities of rhenium in solutions

27

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 10, 1965, 1106-1111

TOPIC TAGS: rhenium, ~~trace analysis,~~ oxidation kinetics, chlorate, iodide, zinc alloy

ABSTRACT: A reaction involving oxidation of iodide ions by chlorate ions was used to develop a simple and rapid kinetic method of determining rhenium in amounts from $5 \cdot 10^{-9}$ to $5 \cdot 10^{-8}$ mol/l. Potassium perrhenate solutions containing sulfuric acid were reduced with zinc amalgam to obtain Re in an oxidation state of 2, and the reduced rhenium salt, acting as a catalyst, accelerated the rate of the oxidation reaction. The rhenium content was determined from the extent of this catalytic effect. The sensitivity of the method is $9 \cdot 10^{-3}$ μg Re/ml. $CoSO_4$, $NiSO_4$, $CuSO_4$, $MnSO_4$, $ZnSO_4$, and $K_2Cr_2O_7$ do not interfere while products of the reduction of

UDC: 543.70

Card 1/2

2

L 14684-66
ACC NR: AP6005883

0

NH_4VO_3, Na_2MoO_4, Na_2WO_4, and $(NH_4)Fe(SO_4)_2$ interfere strongly, as do trace amounts of potassium dichromate and stannous chloride. Orig. art. has: 4 figures, 5 tables.

SUB CODE: 07/ SUBM DATE: 04May64/ ORIG REF: 009/ OTH REF: 006

Card 2/2 BC

MAL'KOVA, T.V.; MEDVEDEVA, N.D.; YATSIMIRSKIY, K.B.

Study of the kinetics of the interaction of aluminum ions with the methylthymol blue indicator. Zhur. neorg. khim. 10 no.1: 72-76 Ja '65. (MIRA 18:11)

1. Ivanovskiy khimiko-tekhnologicheskiy institut. Submitted April 13, 1964.

MAL'KOVA, T.V.; SHUTOVA, G.A.; YATSIMIRSKIY, K.B.

Bromide complexes of neodymium and erbium. Zhur.neorg.khim. 10 no.12:2611-2616 D '65. (MIRA 19:1)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.

YATSIMIRSKIY, K.B.; FILIPPOV, A.P.

Kinetic method for determining microquantities of molybdenum.
Zhur. anal. khim. 20 no.8:815-819 '65. (MIRA 18:10)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Kiyev.

YATSIMIRSKIY, K.B.; BUDARIN, L.I.; BLAGOVESHCHENSKAYA, N.A.;
SMIRNOVA, R.V.; FEDOROVA, A.P.; YATSIMIRSKIY, V.K.

Determination of microquantities of iodide by its catalytic action on thiocyanate oxidation reactions. Zhur. anal. khim. 18 no.1:103-108 Ja '63. (MIRA 16:4)

1. Ivanovo Chemico-Technological Institute.
(Iodides) (Thiocyanates) (Oxidation)

TOVBIN, M.V.; KOZLOVA, T.P.; YATSIMIRSKIY, V.K.

Joint action of a silent discharge and catalyst in ammonia synthesis. Ukr. khim. zhur. 30 no.1:48-52 '64. (MIRA 17:6)

1. Kiyevskiy gosudarstvennyy universitet imeni Shevchenko.

~~YATSIN, [illegible]~~

YATSIN, YEVGENIY PAVLOVICH

Na L'dine Cherez Polyus; Zapiski Kinooperatora (On an Ice-floe at the Pole; Notes of a Camera-man) Moskva, "Molodaya Gvardiya", 1957.
251 P. Illus., Ports.

YATSINA, Ya. [Jacina, J.]; TISHLER, V. [Tisler, V.]; GOMBOSH, A. [Gombos, A.];
MATEOVA, Ye. [Mateova, E.]

Glucose, lactate, and pyruvate metabolism in the kidneys of dogs in vivo. Fiziol. zhur. 51 no.11:1356-1362 N '65. (MIRA 18:11)

1. Kafedra okhrany rebenka i kafedra normal'noy i topograficheskoy anatomii Meditsinskogo fakul'teta Universiteta imeni P.I. Shafarika, g. Koshitse, Chekhoslovakiya.

YATSKAYA, G.A.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49665

Author : Lopatin M.I., Yatskaya G.A.
Inst : Kurgan Agricultural Institute
Title : The Cherry (Prunus Cerasus) Saw Fly and Measures for Its Control Under the Conditions of the Kurgan Oblast

Orig Pub : Sb. nauchn. rabot. Kurgansk. s.-kh. in-t, 1956, vyp. 3, 130-135

Abstract : Brief data are given as to the biology of Neurotoma nemoralis. In field experiments in 1955-1956, the first treatment during the opening of the cherry buds with 12% hexachlorocyclohexane dust, the second with a 5-6% suspension of 5% DDT dust during the emergence of the saw fly, and the third treatment at the end of the flowering with a 5% DDT dust, almost completely exterminated the saw fly..

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YATSKEVICH, Anatoliy Fedorovich; SAVITSKIY, F.I., red.; KISLYAKOVA,
[redacted]

[Lenin's ideas on labor productivity and the building of communism] Leninskie idei o proizvoditel'nosti truda i stroitel'stvo kommunizma. Minsk, Izd-vo M-va vysshego srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1963. 109 p. (MIRA 16:8)

(Lenin, Vladimir Il'ich, 1870-1924)
(Labor productivity)

BUNIN, Dmitriy Anatol'yevich, inzh.; SNARSKIY, Aleksey Antonovich, kand. tekhn. nauk; YATSKEVICH, Abram Isaakovich, inzh.

[Design of long-distance cable communication lines] Proektirovanie magistral'nykh kabel'nykh linii sviazi. Moskva, Transport, 1965. 335 p. (MIRA 18:12)

YATSKEVICH, Abram Isaakovich; NALETOV, A.A., otv. red.; KOMAROVA, Ye.V., red.; SLUTSKIN, A.A., tekhn. red.

[Nomograms for electrical calculations of the high-frequency channels for aerial communication lines] Nomogrammy dlia elektricheskikh raschetov vysokochastotnykh kanalov vozdushnykh linii sviazi. Moskva, Sviaz'izdat, 1963. 45 p. (MIRA 16:6)

(Telephone lines) (Radio relay lines)

GUN, R.B.; BIRYUKOV, V.V.; BOLDOVA, I.P.; YATSKEVICH, G.L.

Automatic control of an assembly of a regeneration unit for the adsorption purification of liquid paraffins. Mash. i neft. obor. no.11:33-37 '64.
(MIRA 19:1)

1. Spetsial'noye konstruktorskoye byuro po avtomatike v neftepererabotke i neftekhimii.

YATSKEVICH, I.S.

6

S/148/60/000/008/002/018
A161/A029

AUTHORS: Chuyko, N.M.; Rutkovskiy, V.B.; Konishchev, M.P.; Zarevyaika, A.G.; Tregubenko, A.F.; Yatskevich, I.S.; Zabaluyev, I.P.; [illegible]ganov, V.V.; Bobkov, T.M.; Antipenko, G.I.

TITLE: A New Smelting Technology Under White Slag for Ball Bearing Steel of Grade ШХ15 (ShKh15)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. - Chernaya metallurgiya, 1960, No. 8, pp. 38 - 47

TEXT: At the "Dneprospetsstal'" Works up to 1956 ShKh15 steel was teemed simultaneously with slag and no attention was paid to steel treatment by slag in the ladle during the teeming. The final S content of 0.02% was obligatory and the refining took between 2 h 10 min and 2 h 40 min or more. The refining time had been cut down to 1 h 50 min - 2 h 10 min by addition of ferrochrome into non-reduced metal with a content of 0.025% S. To boost the heat process and to improve the metal quality, N.M. Chuyko suggested to cut the refining time to 1 h 10 min or less by deoxidation and desulfuration of the metal with electric furnace slag in the ladle during teeming. The article contains details of this new

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technique. The effect of the oxidizing and reducing heat period factors was determined. The formation of highly-basic and well deoxidized slag was mainly studied. The slag quantity used was 4 - 5% of the metal weight with a CaO content of over 55%, FeO below 0.4% and CaF_2 below 2.0%. First a considerable quantity of slag was spilled through a widely open hole into the ladle, and then metal poured from 3 - 4 m height in a solid jet, which brought about a large contact area with slag and rapid deoxidation and desulfuration. The optimum parameters of the oxidation period were stated to be: $\Delta[C] = 0.3 - 0.5\%$ at a carbon burning rate of 0.4 - 0.5%/h, and a metal temperature of 1,545 - 1,565°C before skimming the oxidizing slag. The reducing period under lime-chamotte white slag with low calcium fluoride content proved to be expedient, as well as the treatment of the metal in the ladle by this slag. The optimum slag composition is: $(FeO) < 0.5\%$; $(CaF_2) = 1 - 2\%$; $\Sigma(SiO_2 + Al_2O_3) = 31 - 34\%$; $(CaO) > 53\%$; $(MgO) \leq 12\%$, and $\Sigma(CaO + MgO) = 63 - 65\%$. The optimum metal temperature before teeming is 1,550 - 1,570°C; it ensures the filling of a 2.8-ton ingot during 165 - 190 sec. Final deoxidation of steel by aluminum in the ladle gives a high reduction of oxygen content (over 30%). The quantity of nonmetallic inclusions in

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steel was slightly lower than usual in steel smelted in the usual process under carbide slag with long refining. There are 7 figures, 5 tables and 7 Soviet references.

ASSOCIATION: Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk Metallurgical Institute); zavod "Dneprospetsstal'" ("Dneprospetsstal'" Works)

SUBMITTED: November 12, 1959

Card 3/3

KHITRIK, S.I., doktor tekhn. nauk; KADINOV, Ye.I., inzh.; BORODULIN, G.M., inzh.; TREGUBENKO, A.F., inzh.; YATSKEVICH, I.S., inzh.; DEMIDOV, P.V., inzh.; FRANTSOV, V.P., inzh.; SMOLYAKOV, V.F., inzh.; MALIKOV, G.P., inzh.; DOVGIY, M.M., inzh.; MOSHKEVICH, Ye.I., inzh.; RABINOVICH, A.V., inzh.

Reducing chromium losses in the manufacture of acid-resistant and stainless steels in electric arc furnaces. Met. i gornorud. prom. no.1:17-20 Ja-F '62. (MIRA 16:6)
(Steel, Stainless—Electrometallurgy)

CHUYKO, N.M.; RUTKOVSKIY, V.B.; KONISHCHEV, M.P.; PEREVYAZKO, A.G.;
TREGUBENKO, A.F.; YATSKEVICH, I.S; ZABALUYEV, I.P.; KURGANOV, V.V.;
BOBKOV, T.M.; ANTIPENKO, G.I.

New process of making ShKh-15 all-bearing steel under white slags.
Izv. vys. ucheb. zav.; chern. met. no.8:38-47 '60.
(MIRA 13:9)

1. Dnepropetrovskiy metallurgicheskiy institut i zavod "Dneprospetsstal'".
(Bearing metals) (Steel--Metallurgy)

YATSKEVICH, I.V.

Revolutionary movement of the peasants in Mogilev Government from February to October 1917. Vestsi AN BSSR no.5:11-23 S-O '54. (MLRA 8:9)

1. Kandydat gistarychnykh navuk
(Mogilev Province--Revolution, 1917-1921)

YATSKEVICH, I.V., kand.istor.nauk

The Great October Socialist Revolution in White Russia. Sbor.
nauch.trud.BLTI no.10:14-29 '57. (MIRA 11:12)
(White Russia-Revolution, 1917-1921)

YATSKEVICH, I.

Machines supplant manual work. NTO no.11:57 N '59.
(MIRA 13:4)

1. Predsedatel' soveta Nauchno-tekhnicheskogo obshchestva zavoda "Dneprospetsstal'."
(Zaporozh'ye--Steelworks)

CHETVERUKHIN, N.F.; YATSKEVICH, L.A. (Moskva)

Parametrization and its use in geometry. Mat. v shkole no.5: 15-23 S-O '63. (MIRA 16:11)

YATSKEVICH, N.; SHMKOV, V., inzh.-fizik

Work practices in the shipyard laboratory of physical metallurgy.
Mor. flot 24 no.12:33-34 D '64. (MIRA 18:8)

1. Nachal'nik tsentral'noy laboratorii sudoremontnogo zavoda v Sovetskoy Gavani (for Yatskevich). 2. TSentral'naya laboratoriya sudoremontnogo zavoda v Sovetskoy Gavani (for Shmykov).

YATSKEVICH, N.; PEREL'MAN, B.

Use of chemicals and a new technology. Mor. flot. 24 no.8:28-29 Ag '64.
(MIRA 18:9)

1. Nachal'nik laboratorii Sovgavanskogo sudoremontnogo zavoda (for Yatskevich). 2. Starshiy tekhnolog tekhnicheskogo otdela Sovgavanskogo sudoremontnogo zavoda (for Perel'man).

PEREL'MAN, B.; YATSKEVICH, N.; STREKALOVSKIY, Ye.

Semiautomatic deposition of bronze on a steel base. Mor.flot 25 no.1:32 Ja '65. (MIRA 18:2)

1. Starshiy tekhnolog tekhnicheskogo otdela sudoremontnogo zavoda v Sovetskoy gavani (for Perel'man). 2. Nachal'nik laboratorii sudoremontnogo zavoda v Sovetskoy gavani (for Yatskevich). 3. Nachal'nik tekhnologo-kal'kulyatsionnogo byuro sudoremontnogo zavoda v Sovetskoy gavani (for Strekalovskiy).

YATSKEVICH, S.I. DECEASED 1962/5

c1961

see ilc

TESTING

YATSKEVICH, V.V.

Bibliography on surface active substances and types of use in insecticides and fungicides. [Trudy] NIUIF no.165:88-90 '59.
(MIRA 13:8)

1. Nauchnyy institut po udobreniyam i insektofungitsidam im. Ya.V. Samoylova.
(Bibliography--Surface active agents)

BUROVA, Ye.M.; DRENICHEVA, N.Ye.; YATSKEVICH, V.V.; SHERESHEVSKIY, A.I., red.

[Bibliography of the IA.V.Samoilov Institute for Fertilizers and Insectofungicides, 1919-1959] Bibliograficheskii ukazatel' rabot Nauchnogo instituta po udobreniiam i insektofungisidam im. prof. IA.V.Samoilova, 1919-1959. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry 1960. 435 p. (MIRA 14:10)

1. Moscow. Nauchnyy institut po udobreniyam i insektofungisidam. (Bibliography—Fertilizers and manures) (Bibliography—Fungicides)

MOISEYEVA, N.I.; YATSKEVICH, V.V.

Characteristics of changes in the leukocytes in acute disorders in the blood circulation of the brain. Zhur. nevr. i psikh. 61 no.5: 677-681 '61. (MIRA 14:7)

1. Kafedra nervnykh bolezney (zav. - prof. D.K.Bogorodinskiy) I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i TSentral'naya laboratoriya bol'nitsy imeni F.F.Erismana.
(LEUCOCYTES) (BRAIN--DISEASES)

YATSKEVICH, Yevgeniy Antonovich [IAtskevych, IE.A.]; KRIP'YAKEVICH, I.P., prof., doktor istor.nauk, otv.red.; NOVIKOVA, G.O. [Novykova, H.O.], red.izd-va; YURCHISHIN, V.I., tekhn.red.

[Conditions of Galician workers in the capitalist period, 1848-1900; a brief study] Stanovyshche robitnychoho klasu Halychyny v period kapitalizmu, 1848-1900; narys. Kyiv, Vyd-vo Akad.nauk URSR, 1958. 106 p. (MIRA 12:10)
(Ukraine, Western--Labor and laboring classes)

L 3456-66 EWT(d)/EWT(l)/EWP(m)/EWT(m)/EPF(c)/EWP(c)/EWP(v)/EWP(j)/EWP(h)/FCS(k)/
ACCESSION NR: AP5014743 EWP(l)/ETC(m)/EWA(l)/T/EWF(k) UR/0201/65/000/001/0133/0136
WW/RM/GW
69
40
B

AUTHOR: Yatskevich, Z. P.

TITLE: Annual general meeting of the BSSR Academy of Sciences

SOURCE: AN BSSR. Izvestiya. Seriya fiziko-tekhnicheskikh nauk, no. 1, 1965, 133-136

TOPIC TAGS: academic institution, academic personnel, scientific conference

ABSTRACT: The meeting was held on 25-27 February, 1965. In the introductory address, the president of the BSSR Academy of Sciences, V. P. Kuprevich, summarized the past year's activity, which concerned work dealing with the national economy and theoretical investigations on photosynthesis, solid state, semiconductors, and general physics and chemistry. He also discussed the relation between the activities of the SSSR and BSSR Academies.

Academician BSSR F. P. Vinokurov, Chief Scientific Secretary of AN BSSR Presidium, reported on the scientific-organizational activities of AN BSSR in 1965, covering the projects of the various institutes:

The Physics Institute engaged in several studies on the theory of lasers and the use of powerful light pulses in connection with ultrarapid spectral registra-

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ACCESSION NR: AP5014743

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tion, which made it possible to disclose the formation of triplet states and stages in the formation of photoreducing forms of chlorophyll and its analogs.

The Heat- and Mass-Exchange Institute developed a theory of high-intensity non-equilibrium heat and mass exchange processes with account of finite transport rates, and a theory of turbulent heat and mass exchange under stationary conditions in the interaction between a capillary-porous body with a gas stream. A new method of heat treatment of capillary porous moist materials was developed. Self-similar solutions were obtained for boundary-layer problems.

The Mathematics and Computation Institute developed algorithms and programs for machine design and for production planning. 14

The Earth Physics Sector investigated the 14 properties of the earth's crust 12 in Belorussia.

Reports were received also from the Institutes and Divisions: History, Philosophy, Polymer Mechanics, Biology, Experimental Botany and Microbiology, Genetics and Cytology, and General and Inorganic Chemistry.

The staff of the Academy includes 4025 persons, of which 3043 are in the budgetary establishments and 474 in the administrative staff. The scientific person-

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ACCESSION NR: AP5014743

nel numbers 1621 persons, including 52 with the degree of Doctor of Science and 404 Candidates of Science, 50 Academicians, and 36 Corresponding Members. Other statistics dealing with dissertations and publications are also included.

Papers on the most outstanding scientific activities of 1964 were delivered by T. S. Gorbunov, N. D. Nesterovich, N. F. Yermolenko, F. I. Fedorov, and A. K. Krasin. Participating in the discussions were BSSR Academicians G. V. Bogomolov, V. P. Severdenko, N. N. Sirota, B. B. Yerofeyev, I. A. Bulygin, N. A. Dorozhkin, A. N. Sevchenko, N. P. Yerugin, and P. P. Rogovoy, Corresponding Member N. V. Kamenskaya, Doctor of Tech. Sciences Ye. G. Konovalov and G. K. Goranskiy, and Candidate of Chemical Sciences S. V. Markevich.

N. V. Kamenskaya was appointed director of the Institute of History.

Scientific papers were delivered at the General Meetings by Academician K. I. Lukashev (Problems of Oil and Gas Resources of BSSR), Academician A. K. Krasin (Present Status of Development of Atomic Energy), and Academician N. V. Turbin (Some Problems in Molecular Genetics).

ASSOCIATION: none

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ACCESSION NR: AP5014743

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OTHER: 000

BVK
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YATSKEVICH, Z.P.

Annual General Meeting of the Academy of Sciences of the White Russian S.S.R. Vestsi AN BSSR. Ser.fiz.-mat.nav. no.1:135-138 '65. (MIRA 19:1)

1. Referent Prezidiuma AN Belorusskoy SSR.

YATSKEVICH, Z.V.

Map: INDERSKOYE, plateau. OSU-Am2320 S-235

Yatskevich, Z.V.: Materialy k Izucheniyu Karsta Inderskogo Podnyatiya.
Izv. Gos. Geograf. Obshch, Vol. 69, pp.937-955, 1937.
American Geographical Society, New York, N.Y.
Map of area 15 x 30 kil., scale approx. 1:100,000, including northern part of Lake Inderskoye.
Area: 48°35' N; 51°55'E.

105

YATSKEVICHUS, A. S.

"Treatment of Acute Osteomyelitis with Penicillin." Acad Sic Lityuanian SSR, Inst of Experimental Medicine and Oncology, Vilnius, 1952
(Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letonis' , No. 32, 6 Aug 55

MARTINAYTIS, V.P., inzh.; KHVOSTIKOV, V.V., inzh.; YATSKEVICHUS, G.Ya., inzh.

Perfect work organization has reduced the time of bridge construction. (MIRA 18:5)
Avt. dor. 28 no.4:11-13 Ap '65.

YATSKEVICHYENE, M.

Y TS HY
JACKEVICIENE, M.

Clinical aspects and therapy of acute adrenal cortex insufficiency. Sveik. apsaug. 8 no.2: 49 F'63.

1. Vilniaus II ligonine.

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YATSHIKH, V. G.

Mar 48

USSR/Mines and Mining
Coal
Tools, Cutting

"First Results of the Use of Soviet Coal Cutters," V. G. Yatshikh, Candidate Mech Sci; G. M. Sova, Engr, Stalino, 3 pp

"Ugol" No 3

First industrial installation of the Soviet coal cutter was made several months in No 56 mine of the Voroshilovugol' Trust. The cutter, designayed as US-3, was built by the plant imeni Parkhomenko, Voroshilovgrad. Describes its performance.

PA 62T86

YATSKIKH, V. G.

PA 7/49T76

USSR/Mining Equipment
Conveyers

Aug 48

"First Reported Results of the Performance of STR-30 and STP-30 Scraper Conveyer for Automatic Coal Loading at Donbass Mines," V. G. Yatshikh, Cand Tech Sci, N. I. Furmanenko, A. Ye. Demchenko, Engineers, Bureau for Mech of DonUGI, 1¼ pp

"Ugol'" No 8 (269)

Describes operation of conveyers and method of use. Lists advantages and disadvantages.

[redacted]

7/49T76

YATSKIKH, V. G.

20739. Yatskikh, V.G. i Pozenberg, S. Ye. Puti povysheniya proizvoditelnosti vrubovykh mashin. Raboty DONUGI (Donetskiy nauk. - issled ugol'nyy in-T), sb. 5, 1949, s. 3-20

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949 [illegible], V. G.

20740. Yatskikh, V. G., Furmanenko, N. I., i Demchenko, A. Ye. Pervyye rezul'taty primeneniya moshchnykh skrebkovykh konveyerov STR-30 dlya samonavalki uglya. Raboty DONUGI (Donetskii nauch.-issled. ugol'nyy in-T), sb. 5, 1949, s. 27-41

SO: LETOPIS ZHURNAL STATEY- Vol. 28, Moskva, 1949

Aplen power scraper conveyor for [illegible] coal output

, V. G.

M: Gornyye Mashiny dlya Vyyemki Plastovykh Iskopayemykh (Mining Machinery for Extraction of Stratified Minerals), 1950, Moskva.

Soviet Source: Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 112140. Unclassified.

YATSKIKH, V. G.

1. BARMUT, M. I., GOROKHOV, N. F., YATSKIKH, V. G.

2. USSR (600)

4. Coal-Mining Machinery

7. Experience with continuous work schedules for combines UKMG-1 in very thin layers (0.38-0.6m). Ugol' 27, no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

YATSKIKH, V. G.

Fuel Abstracts
May 1954
Natural Solid
Fuels: Winning

②

3358. OPERATION OF DONBASS CUTTER-LOADERS ON DIPPING SEAMS IN COMBINATION WITH DON UGI SINGLE FLANGE PLATES. Kaplunov, I.Z. and Yatskikh, V.G. (Ugol (Coal), Dec. 1953, 39-42). An illustrated description is given of a cutter-loader working in a seam which dips at 28-30°. A series of overlapping steel plates on the floor, each with a vertical flange at the edge opposite to the coal face, forms a conveying trough between the last row of props and the face for the supply of new timber from the top and the discharge of cut coal to the bottom of the slope. (L).

YATSKIKH, V. G.

(3)

Fuel Abstracts
Vol. XV, No.2
Feb. 1954
Natural Solid Fuel:
Winning

997. OPERATION OF UKMG-2 CUTTER-LOADERS ON A SEAM 0.42 TO 0.53 M THICK IN TSENTRAL'NAYA ZAVODSKAYA MINE. Karpov, V.K., Osmanyan, K.A. and Yatskikh, V.G. (Ugol (Coal), Sept. 1953, 44-46). The method of working and performance are given, with diagrams, charts and tables. (L).

YATSKIKH, V.G.

KOMAROV,N.I., inzhener; YATSKIKH,V.G., inzhener

Mining coal with the UKMG cutter-looder in extremely narrow seams. Mekh.trud.rab.9 no.8:21-24 Ag'55. (MLRA 8:10)
(Coal mining machinery)

YATSKIKH, V.G.; KOMAROVA, N.I.; AFONINA, G., vedushchiy redaktor; YAKUBYUK, N., tekhnicheskiy redaktor

[Work practices with UKT-1 and "Shakhter" cutter-loaders] Opyt raboty na kombainakh UKT-1 i "Shakhter." Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 27 p. (MLRA 10:1)
(Coal mining machinery)

YATSKIKH, V.G.; KOMAROVA, N.I.; AFONINA, G., vedushchiy redaktor; YAKUBYUK, N., tekhnicheskiy redaktor

[Work experience with the "Gorniak" cutter-loader] Opyt raboty na kombaine "Gorniak." Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 18 p. (MIRA 10:1)
(Coal mining machinery)

YATSKIM, V.G.; KOMAROVA, N.I.; AFONINA, G., vedushchiy redaktor; YAKUBYUK, N., tekhnicheskiy redaktor

[Work with UKMG-47 and UKMG-2m cutter-loaders] Opyt raboty na kombainakh UKMG-47 i UKMG-2m. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 31 p. (MIRA 10:1)
(Coal mining machinery)

YATSKIKH, V.G.; KOMAROVA, N.I.; AFONINA, G., vedushchiy redaktor; YAKUBYUK, N. tekhnicheskiy redaktor

[Work with the "Donbass" cutter-loader] Opyt raboty na kombaine "Donbass." Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 34 p. (Coal mining machinery) (MLRA 10:1)

KOMAROV, N., inzhener; YATSKIKH, V., inzhener.

The DGI-2M drifting combine. Mast.ugl.5 no.11:22 N '56.
(Coal mining machinery) (MIRA 10:1)

KOMAROV, N.I., inzhener; POVOLOTSKIY, I.A., inzhener; FURMANENKO, N.I., inzhener; YATSKIKH, V.G., inzhener.

Testing the KN-1 and KN-2 coal cutter-loaders. Mekh.trud.rab.10 no.4: 33-36 Ap '56. (Coal mining machinery) (MLRA 9:7)